

## PROJECT SUMMARY

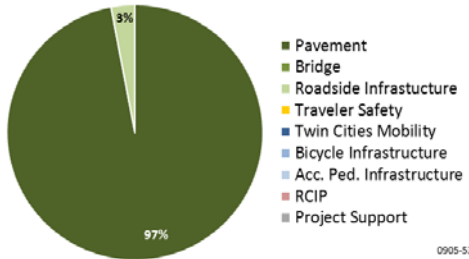
Hwy 33  
I-35 to 1.4 miles north in Cloquet  
State Project No. 0905-53

**Substantially Complete**

### Primary Purpose:

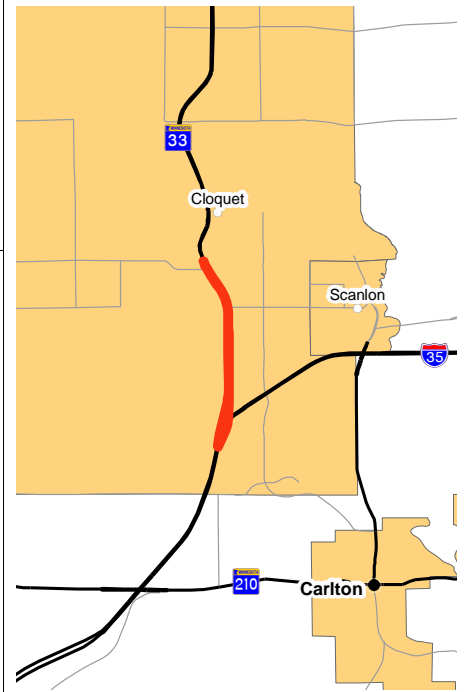
Performance-based Need: Pavement condition

### Investment Category:



### Project Description:

This was an urban project in Cloquet from I-35 to just north of Doddridge Avenue. The work includes pavement reconstruction, traffic signal replacements, and safety, sidewalk and drainage improvements.



### Recent Changes and Updates

This project was completed in the fall of 2014.

### Project History:

This was originally an alternate bid project that included access changes, crossover changes, new pavement structure, new signal systems, and geometric improvements. The 2012 District 1 Remaining Service Life map showed this segment to be in poor condition.

This project was let on April 25, 2014. Partnering with Carlton County and Cloquet, the purpose of this project was to improve the pavement ride quality on Hwy 33; improve the functionality of the Hwy 33/Doddridge Avenue/Big Lake Road intersection; and improve safety at the Armory Road/Holmes Drive.

### Total Project Cost Estimate (millions)

Date in which the project entered into the STIP: 2011

	<u>Baseline Est.</u>	<u>Current Est.</u>
Construction Letting:	\$ 5.0	\$ 6.2
Other Construction Elements:	\$ 0.2	\$ 0.1
Engineering:	\$ 1.0	\$ 1.2
Right of Way:	\$ 0.0	\$ 0.0
<b>Total:</b>	<b>\$ 6.2</b>	<b>\$ 7.5</b>

*Construction cost estimates are adjusted to the mid-year of construction, using inflation rates provided by OTSM.*

### Key Cost Estimate Assumptions:

This project was let February 2014. The current estimate was based on the bid cost.

### Project Risks:

The project is complete. There are no risks remaining.

### Schedule:

Environmental Approval Date: 07/08/2013  
Municipal Consent Approval Date: 01/13/2013  
Geometric Layout Approval Date: 10/14/2012  
Construction Limits Established Date: 08/02/2013  
Original Letting Date: 03/27/2015  
Current Letting Date: 04/25/2014  
Construction Season: 2014  
Estimated Substantial Completion: Fall 2014



Minnesota Department of Transportation  
District 1  
1123 Mesaba Ave  
(218) 725-2700

**District Engineer:** Duane Hill  
**Project Manager:** Derek Fredrickson

**Revised Date:** 12/15/2015